



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Item	Details
Product Name	Hazelnut Ketone
Active Ingredient	Hazelnut Ketone (5-Methyl-2-hepten-4-one)
Active Ingredient CAS	81925-81-7
FEMA Number	3761
Diluent	Triacetin (Glycerol Triacetate)
Diluent CAS	102-76-1
EC Number (Triacetin)	203-051-9
Concentration	Hazelnut Ketone 1% in Triacetin (99%)
Product Type	Fragrance ingredient solution
Issue Date	18 July 2026

Hazelnut Ketone (5-Methyl-2-hepten-4-one) has CAS 81925-81-7, FEMA 3761, and a typical neat-material assay of $\geq 98\%$ before dilution.

PHYSICAL SPECIFICATIONS

Parameter	Representative Specification	Representative Result
Appearance	Clear liquid	Complies
Colour	Colourless to pale yellow	Complies
Odour	Roasted hazelnut, nutty, gourmand	Characteristic
Specific Gravity (20 °C)	1.135–1.175	1.152
Refractive Index (20 °C)	1.429–1.433	1.431
Flash Point	Approximately 130 °C	Pass
Solubility	Soluble in alcohol and oils	Pass



Active Ingredient	1.0% $\pm$ 0.1%	1.00%
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The representative physical properties correspond to a commercial 1% solution in Triacetin.

QUALITY DECLARATION

The representative material is:

- Prepared using cosmetic/perfumery-grade Triacetin.
- Contains approximately 1% Hazelnut Ketone.
- Free from intentionally added foreign materials.
- Suitable for professional fragrance formulation.

STORAGE

Store tightly closed in a cool, dry place protected from heat, moisture and direct sunlight.

CONCLUSION

The representative material complies with the above quality specifications. Batch-specific analytical data supplied by the original manufacturer shall take precedence.

Authorised by:

Fozia Khot

Director